

Form 9-830

A grid of 8 columns and 6 rows. A bold black 'X' is located at the intersection of the second column from the left and the fourth row from the bottom.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079051
LEASE OR PERMIT TO PROSPECT _____

14-08-001-1051

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

14-00001-1051
RECEIVED
JAN 9 1956
BIOLOGICAL SURVEY
SARASOTA, NEW MEXICO
SARASOTA

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 28-6 Unit Field Blanco State New Mexico
Well No. 42 Sec. 34 T. 28N R. 6W Meridian NMPM County Rio Arriba
Location 1750 ft. [N.] of S. Line and 990 ft. [E.] of W. Line of Section 34 Elevation 6706'
Block W
(Describe from distance to section line)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date January 3, 1956 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling ----- **November 11** -----, 19--**55** Finished drilling ----- **November 30** -----, 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3460 to 3522 G No. 4, from 5630 to 5777 G
No. 2, from 5083 to 5198 G No. 5, from
No. 3, from 5198 to 5630 G No. 6, from

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Grade	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	25.4	P.F.	8.W.	161'	Howco	cutting hard bottom	and	bottom of formation	Surface
7 1/2"	19.5	P.F.	8.W.	161'	Howco	cutting hard bottom	and	bottom of formation	Intermediate
5 1/2"	15.5	P.F.	8.W.	161'	Howco	cutting hard bottom	and	bottom of formation	Production
HISTORY OF ONE OF OUR BEST									
9"	27.4	8 HD	8-55	571.6'					Prod. log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	178'	125	Circulated		
7"	3555'	250	Single Stage		
5 1/2"	5790'	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		See Well History.				

TOOLS USED

Rotary tools were used from 0 feet to 3555 feet, and from 3555 feet to 5790 feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

December 10, 1955 Put to producing _____, 19____

The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours 3,937,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 1069

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	340	340	Tan cr-grn ss w/thin sh breaks.
340	855	515	Variegated sh w/thin ss breaks.
855	2678	1823	Tan to gry cr-grn ss interbedded w/gry sh.
2678	2845	167	Ojo Alamo ss. White cr-grn s.
2845	3220	375	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3220	3460	240	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3460	3522	62	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3522	5083	1561	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5083	5198	115	Cliff House ss. Gry, fine-grn, dense sil ss.
5198	5630	432	Manefee form. Gry, fine-grn s, carb sh & coal.
5630	5777	147	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5777	5790 T.D.	13	Mancos formation. Gry carb sh.

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

Commenced drilling _____ 19____ Finished drilling _____ 19____
The summary on this page is for the condition of the well at above date.

Date _____ Title _____

(b) (5) DPP, (b) (5) ACP

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4 1/2"	100'	100	100'	100'	100'
4 1/2"	100'	100	100'	100'	100'
4 1/2"	100'	100	100'	100'	100'

PLACES AND ADAPTATIONS

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

[illegible]

DATE

It was well cut in per 24 hours	The production for the first 24 hours was
emulsion; _____% water; and _____% sediment.	
Gallons gasoline per 1,000 cu. ft. of gas	Gravity, _____ B.S.
	_____ % was oil; _____ % was gas
	Put to producing _____, 19____

EMPLOYEES

Driller	Driller
Driller	Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
111	112	10	1. 111-112
112	113	10	2. 112-113
113	114	10	3. 113-114
114	115	10	4. 114-115
115	116	10	5. 115-116
116	117	10	6. 116-117
117	118	10	7. 117-118
118	119	10	8. 118-119
119	120	10	9. 119-120
120	121	10	10. 120-121
121	122	10	11. 121-122
122	123	10	12. 122-123
123	124	10	13. 123-124
124	125	10	14. 124-125
125	126	10	15. 125-126
126	127	10	16. 126-127
127	128	10	17. 127-128
128	129	10	18. 128-129
129	130	10	19. 129-130
130	131	10	20. 130-131
131	132	10	21. 131-132
132	133	10	22. 132-133
133	134	10	23. 133-134
134	135	10	24. 134-135
135	136	10	25. 135-136
136	137	10	26. 136-137
137	138	10	27. 137-138
138	139	10	28. 138-139
139	140	10	29. 139-140
140	141	10	30. 140-141
141	142	10	31. 141-142
142	143	10	32. 142-143
143	144	10	33. 143-144
144	145	10	34. 144-145
145	146	10	35. 145-146
146	147	10	36. 146-147
147	148	10	37. 147-148
148	149	10	38. 148-149
149	150	10	39. 149-150
150	151	10	40. 150-151
151	152	10	41. 151-152
152	153	10	42. 152-153
153	154	10	43. 153-154
154	155	10	44. 154-155
155	156	10	45. 155-156
156	157	10	46. 156-157
157	158	10	47. 157-158
158	159	10	48. 158-159
159	160	10	49. 159-160
160	161	10	50. 160-161
161	162	10	51. 161-162
162	163	10	52. 162-163
163	164	10	53. 163-164
164	165	10	54. 164-165
165	166	10	55. 165-166
166	167	10	56. 166-167
167	168	10	57. 167-168
168	169	10	58. 168-169
169	170	10	59. 169-170
170	171	10	60. 170-171
171	172	10	61. 171-172
172	173	10	62. 172-173
173	174	10	63. 173-174
174	175	10	64. 174-175
175	176	10	65. 175-176
176	177	10	66. 176-177
177	178	10	67. 177-178
178	179	10	68. 178-179
179	180	10	69. 179-180
180	181	10	70. 180-181
181	182	10	71. 181-182
182	183	10	72. 182-183
183	184	10	73. 183-184
184	185	10	74. 184-185
185	186	10	75. 185-186
186	187	10	76. 186-187
187	188	10	77. 187-188
188	189	10	78. 188-189
189	190	10	79. 189-190
190	191	10	80. 190-191
191	192	10	81. 191-192
192	193	10	82. 192-193
193	194	10	83. 193-194
194	195	10	84. 194-195
195	196	10	85. 195-196
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197	198	10	87. 197-198
198	199	10	88. 198-199
199	200	10	89. 199-200
200	201	10	90. 200-201
201	202	10	91. 201-202
202	203	10	92. 202-203
203	204	10	93. 203-204
204	205	10	94. 204-205
205	206	10	95. 205-206
206	207	10	96. 206-207
207	208	10	97. 207-208
208	209	10	98. 208-209
209	210	10	99. 209-210
210	211	10	100. 210-211
211	212	10	101. 211-212
212	213	10	102. 212-213
213	214	10	103. 213-214
214	215	10	104. 214-215
215	216	10	105. 215-216
216	217	10	106. 216-217
217	218	10	107. 217-218
218	219	10	108. 218-219
219	220	10	109. 219-220
220	221	10	110. 220-221
221	222	10	111. 221-222
222	223	10	112. 222-223
223	224	10	113. 223-224
224	225	10	114. 224-225
225	226	10	115. 225-226
226	227	10	116. 226-227
227	228	10	117. 227-228
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229	230	10	119. 229-230
230	231	10	120. 230-231
231	232	10	121. 231-232
232	233	10	122. 232-233
233	234	10	123. 233-234
234	235	10	124. 234-235
235	236	10	125. 235-236
236	237	10	126. 236-237
237	238	10	127. 237-238
238	239	10	128. 238-239
239	240	10	129. 239-240
240	241	10	130. 240-241
241	242	10	131. 241-242
242	243	10	132. 242-243
243	244	10	133. 243-244
244	245	10	134. 244-245
245	246	10	135. 245-246
246	247	10	136. 246-247
247	248	10	137. 247-248
248	249	10	138. 248-249
249	250	10	139. 249-250
250	251	10	140. 250-251
251	252	10	141. 251-252
252	253	10	142. 252-253
253	254	10	143. 253-254
254	255	10	144. 254-255
255	256	10	145. 255-256
256	257	10	146. 256-257
257	258	10	147. 257-258
258	259	10	148. 258-259
259	260	10	149. 259-260
260	261	10	150. 260-261
261	262	10	151. 261-262
262	263	10	152. 262-263
263	264	10	153. 263-264
264	265	10	154. 264-265
265	266	10	155. 265-266
266	267	10	156. 266-267
267	268	10	157. 267-268
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273	274	10	163. 273-274
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279	280	10	169. 279-280
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281	282	10	171. 281-282
282	283	10	172. 282-283
283	284	10	173. 283-284
284	285	10	174. 284-285
285	286	10	175. 285-286
286	287	10	176. 286-287
287	288	10	177. 287-288
288	289	10	178. 288-289
289	290	10	179. 289-290
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291	292	10	181. 291-292
292	293	10	182. 292-293
293	294	10	183. 293-294
294	295	10	184. 294-295
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299	300	10	189. 299-300
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301	302	10	191. 301-302
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309	310	10	199. 309-310
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317	318	10	207. 317-318
318	319	10	208. 318-319
319	320	10	209. 319-320
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359	360	10	249. 359-360
360	361	10	250. 360-361
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363	364	10	253. 363-364
364	365	10	254. 364-365
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366	367	10	256. 366-367
367	368	10	257. 367-368
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371	372	10	261. 371-372
372	373	10	262. 372-373
373	374	10	263. 373-374
374	375	10	264. 374-375
375	376	10	265. 375-376
376	377	10	266. 376-377
377	378	10	267. 377-378
378	379	10	268. 378-379
379	380	10	269. 379-380
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381	382	10	271. 381-382
382	383	10	272. 382-383
383	384	10	273. 383-384
384	385	10	274. 384-385
385	386	10	275. 385-386
386	387	10	276. 386-387
387	388	10	277. 387-388
388	389	10	278. 388-389
389	390	10	279. 389-390
390	391	10	280. 390-391
391	392	10	281. 391-392
392	393	10	282. 392-393
393	394	10	283. 393-394
394</			

FORMATION RECORD—Continued